1FN 1754

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PTO/SB/82 (09-03)

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Application Number	09/876,953
Filing Date	June 8, 2001
First Named Inventor	Taneaki YAHATA et al.
Art Unit	1754
Examiner Name	Edward M. Johnson
Attorney Docket Number	001458.00045

								
I hereby revo	I hereby revoke all previous powers of attorney given in the above-identified application:							
A Power o	of Attorney is	submitted here	with.		· - ···			
OR	OR							
🔀 I hereby a	I hereby appoint the practitioners associated with the Customer Number: 22907							
				<u>. </u>	· .			
Please ch	ange the cor	respondence a	ddress for the	above-ide	ntified applic	ation to:	:	
⊠ The ac	ldress assoc	iated with Cust	omer Number:	229	07			
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Appli Appli	icant/ <i>Invent</i> o	r.		-				
		rd of the entire i 37 CFR 3.73(b)						
		SIGNATURE C	of Applicant o	r Assigne	e of Record	1		
Name	e MORIKAWA INDUSTRIES CORPORATION							
Signature	Takashi HORIGUCHI Chief Executive Officer							
Date	Apri	1 13, 2004	. 0					
NOTE: Signatures of all the Inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.								
☑ *Total of	2 forms are s	ubmitted.	·			·		

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SIATEME	ENT UNDER 37 CFR 3.73(D)
Applicant/Patent Owner: Morikawa Industries Co	rporation and Japan Science and Technology Corporation
Application No./Patent No.: 09/876,953	Filed/Issue Date: June 8, 2001
Entitled: Method And Apparatus for Converting B	oth Halogens in Organic Halides and Organic Compounds to Inorganic
Substances	
Morikawa Industries Corporation and Japan Scien	nce and Technology Corporation, Corporations
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
state that it is:	
1. X the assignee of the entire right, title,	and interest: or
2. an assignee of less than the entire ri	
The extent (by percentage) of its	·
n the patent application/patent identified above by	•
A. Massignment from the inventor(s) of the precorded in the Patent and Trademark Offic attached.	patent application/patent identified above. The assignment was be at Reel <u>011910</u> , Frame <u>0031</u> , or for which a copy thereof is
OR	
 A chain of title from the inventor(s), of the p shown below: 	patent application/patent identified above, to the current assignee as
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Reel, Frame, or for which	
2. From:	_
	To: ited States Patent and Trademark Office at
Reel, Frame, or for which	h a copy thereof is attached.
3. From:	To:
The document was recorded in the Uni	ited States Patent and Trademark Office at
Reel, Frame, or for which	n a copy thereof is attached.
☐ Additional documents in the chain of til	tle are listed on a sunnlemental sheet
E / Section Cooking to the Charlet of the	ne are issee on a suppliemental sheet.
☐ Copies of assignments or other documents in	the chain of title are attached.
[NOTE: A separate copy (i.e., the original assist	inment document or a true copy of the original document)
must be submitted to Assignment Division in ac recorded in the records of the USPTO, <u>See</u> MF	ccordance with 37 CFR Part 3, if the assignment is to be
	·
he undersigned (whose title is supplied below) is	empowered to sign this statement on behalf of the assignee.
April 13, 2004	Takash Longuch
Date	Signature
	Takashi HORIGUCHĬ
Telephone Number	Typed or printed name
	Chief Executive Officer

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AUGUST 30, 2001

PENNIE & EDMONDS LLP VICTOR N. BALANCIA 1155 AVENUE OF THE AMERICAS NEW YORK, NY 10036 PTAS

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5890-005-999

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RECORDATION DATE: 06/08/2001

REEL/FRAME: 011910/0031 NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAHATA, TANEAKI

DOC DATE: 05/18/2001

ASSIGNOR:

TSUCHIYA, YUJI

DOC DATE: 05/18/2001

ASSIGNOR:

TOBA, NASAHIKO

DOC DATE: 05/18/2001

ASSIGNEE:

MORIKAWA INDUSTRIES CORPORATION 150 IMOJIYA, KOSHOKU-SHI NAGANO-KEN, JAPAN

ASSIGNEE:

JAPAN SCIENCE AND TECHNOLOGY CORPORATION 1-8, HONCHO 4-CHOME, KAWAGUCHI-SHI SAITAMA-KEN, JAPAN

SEP 1 3 2001

OK 17 ALIG

011910/0031 PAGE 2

SERIAL NUMBER: 09876953 √ PATENT NUMBER:

FILING DATE: 06/08/2001

ISSUE DATE:

SHAREILL COLES, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	Express Mail No.: <u>EL 501 640 176 US</u>
06-25-2001	R SHEET
MAY 0 3 2004 2	Attorney Docket Number 5890-005-999
TO THE HONORABLE COMMISSIONE Box Assi Washington,	DC 20231
Please record the attached original	nal documents or copy thereof.
1. Name of conveying party(ies): Taneaki YAHATA Yuji TSUCHIYA Nasahiko TOBA Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No 3. Nature of conveyance:	2. Name and address of receiving party(ies): Name: Morikawa Industries Corporation and Japan Science and Technology Corporation Address: 150, Imojiya, Koshoku-shi, Nagano-ken, Japan; and 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama-ken, Japan, respectively Country (if other than USA): Japan
Security Agreement □ Change of Name □ Other □ Execution Date: May 18, 2001	
4. Application number(s) or patent number(s): 19/87/6953 If this document is being filed together with a new application, the execut A Patent Application No.(s) To Be Assigned	ion date of the application is: <u>May 18, 2001</u> B. Patent No.(s) attached? □ Yes ⊠ No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Number of applications and patents involved: _1
PENNIE & EDMONDS LP 1155 Avenue of the Americas New York, NY 10036	7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8.
6/22/2001 DBYRNE 00000266 161150 09876953)	8. Deposit account number: 16-1150
DO NOT U	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foreging is a true copy of the original document.	oing information is true and correct and any attached copy
Victor N. Balancia 31,321 Name of Person Signing Reg. No. Signature	June 8, 2001 Date 2

Total number of pages including cover sheet:

ASSIGNMENT

WHEREAS, WE, Taneaki YAHATA, Yuji TSUCHIYA and Masahiko TOBA
ASSIGNORS, citizens ofJapan
residing atc/o MORIKAWA INDUSTRIES CORPORATION of 150, Imojiya, Koshoku-shi,
Nagano-ken, Japan, respectively,
are the inventors of the invention inMETHOD AND APPARATUS FOR CONVERTING BOTH
HALOGENS IN ORGANIC HALIDES AND ORGANIC COMPOUNDS TO INORGANIC SUBSTANCES
for which we have executed an application for a Patent of the United States
☑ on ☑ even date herewith □ on (date), or
☐ identified by Pennie & Edmonds docket no, or
☐ filed on, Serial No
and WHEREAS, MORIKAWA INDUSTRIES CORPORATION and JAPAN SCIENCE AND TECHNOLOGY CORPORATION, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof;
AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States to issue all patents or other evidence or forms of industrial property protection on the aforesaid application to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date May 18, 2001 Janeaki Yahata Taneaki YAHATA L.S.
Date May 18, 2001 Janeaki Jahata Taneaki YAHATA L.S. Date May 18, 2001 Juji Tsuchiya L.S.
Date May 18, 2001 Masahika John Masahiko TOBA L.S.
DateL.S.
Date

PTO/SB/82 (09-03)

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CONTRADEN

Application Number	09/876,953
Filing Date	June 8, 2001
First Named Inventor	Taneaki YAHATA et al.
Art Unit	1754
Examiner Name	Edward M. Johnson
Attorney Docket Number	001458.00045

I hereby revo	I hereby revoke all previous powers of attorney given in the above-identified application:						
A Power of	of Attorney is	submitted herewith.	· · · · · · · · · · · · · · · · · · ·				
OR	_						
🛚 I hereby a	ppoint the pr	ractitioners associated w	ith the Custome	er Number:	22	907	
Please ch	ange the cor	respondence address fo	or the above-ide	ntified applic	ation to) :	
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OR							
Firm <i>or</i> Individu	al Name			,			
Address							
Address							
City						-	
Country			State		ZIP		
Telephone		Fax					
I am the:							
Appl	licant/ <i>Invent</i> o	or.		•			
X Assi	Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)						
	SIGNATURE of Applicant or Assignee of Record						
Name	Name JAPAN SCIENCE AND TECHNOLOGY CORPORATION						
Signature	Kan	juki Okim	iura K	azuki OKIM	1URA	President	
Date							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
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ART	STATEMENT U	NDER 37 CFR 3.73(b)			
	Patent Owner: Morikawa Industries Corporatio	n and Japan Science and Technology Corporation			
Application	n No./Patent No.: 09/876,953	Filed/Issue Date: June 8, 2001			
Entitled: No. 100 Substance		ogens in Organic Halides and Organic Compounds to Inorganic			
Morikawa I	Industries Corporation and Japan Science and	Technology Corporation, Corporations			
(Name of Assignee) (Type o	f Assignee, e.g., corporation, partnership, university, government agency, etc.)			
state that it	t is:				
1. 🛛	the assignee of the entire right, title, and inte	erest; or			
2.	an assignee of less than the entire right, title	e, and interest			
	The extent (by percentage) of its owners	nip interest is %			
in the pate	nt application/patent identified above by virtue	of either:			
reco		pplication/patent identified above. The assignment was el 011910, Frame 0031, or for which a copy thereof is			
OR					
	nain of title from the inventor(s), of the patent apon below:	pplication/patent identified above, to the current assignee as			
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(NOTE: must be	of assignments or other documents in the cha A separate copy (i.e., the original assignment e submitted to Assignment Division in accordar d in the records of the USPTO. See MPEP 30:	document or a true copy of the original document) nce with 37 CFR Part 3, if the assignment is to be			
The unders	signed (whose title is supplied below) is empov	vered to sign this statement on behalf of the assignee.			
	April 12, 2004	vered to sign this statement on behalf of the assignee. Kazuki Okimura Signature			
-	Date	Signature			
		Kazuki OKIMURA			
-	Telephone Number	Typed or printed name			

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President

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RECORDATION DATE: 06/08/2001

REEL/FRAME: 011910/0031

NUMBER OF PAGES: 2

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ASSIGNOR:

YAHATA, TANEAKI

DOC DATE: 05/18/2001

ASSIGNOR:

TSUCHIYA, YUJI

DOC DATE: 05/18/2001

ASSIGNOR:

TOBA, NASAHIKO

DOC DATE: 05/18/2001

ASSIGNEE:

MORIKAWA INDUSTRIES CORPORATION 150 IMOJIYA, KOSHOKU-SHI NAGANO-KEN, JAPAN

ASSIGNEE:

JAPAN SCIENCE AND TECHNOLOGY CORPORATION 1-8, HONCHO 4-CHOME, KAWAGUCHI-SHI SAITAMA-KEN, JAPAN

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011910/0031 PAGE 2

SERIAL NUMBER: 09876953 V

FILING DATE: 06/08/2001

ISSUE DATE:

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			R SHEET Y	Att	omey Docket Nu <u>5890-005</u>	
	TO THE HONORABLE COMMISSIONE Box Assi Washington,	DC 202	231		ora s.n	76953
	Please record the attached origin	nai docu	ments of copy theres	siving party(ies):		
Ado	Name of conveying party(ies): Taneaki YAHATA Yuji TSUCHIYA Nasahiko TOBA ditional name(s) of conveying party(ies) attached? Nature of conveyance:	Name: Addres	Morikawa Industr Japan Science and ss: 150, Imojiya, Ko o 4-chome, Kawaguc ry (if other than USA	ries Corporation a d Technology Corposhoku-shi, Nagano chi-shi, Saitama-ke	nd poration o-ken, Japan, and en, Japan, respect	11-8,
0.5	Assignment					
4	Application number(s) or patent number(s): 19/8/16953 this document is being filed together with a new application, the execut A. Patent Application No.(s) To Be Assigned Additional numbers	on date of	Patent No.(s) Patent No. Solve No.			
5.	Name and address of party to whom correspondence concerning document should be mailed:	6.	Number of application and patents involved:	1		
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	2001 DBYRNE 00000266 161150 09876953	8.	Deposit account <u>16-1150</u>	t number:		
01 FC:	2581 40.00 CH DO NOT U	SE TH	IIS SPACE			
	 Statement and signature. To the best of my knowledge and belief, the foreg is a true copy of the original document. 	oing in	formation is true	e and correct a	ınd any attach	ned copy
	Victor N. Balancia 31,321 Name of Person Signing Reg. No. Signature	re	mber of pages including	r	June 8, 20 Date)01

ASSIGNMENT

WHEREAS, WE,	aki YAHATA, Y	uji TSUCHIYA and	i Masahiko TOBA	
ASSIGNORS, citizens of	in			
residing atc/o MORIKAWA INDU	STRIES CORPOR	RATION of 150, I	mojiya, Koshoku-shi	.,
Nagano-ken, Japan	, respective	ly,		
).			
are the inventors of the invention in _	METHOD AND	APPARATUS FOR CO	NVERTING BOTH	
HALOGENS IN ORGANIC HALIDES	AND ORGANIC	COMPOUNDS TO INC	RGANIC SUBSTANCES	
for which we have executed an applica	tion for a Patent	of the United States		
☑ on ☑ even date herewith □ o	n		(date), or
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☐ filed on	, Serial	No	····	;
and WHEREAS, MORIKAWA INDUSTRIAL MORICA MORIKAWA INDUSTRIAL MORICA MORIKAWA INDUSTRIAL MORICA MORIC	STRIES CORPORAPAN SCIENCE APAN SCIENCE APAN SCIENCE AND INTERE	ATION and AND TECHNOLOGY C st in, to and under	ORPORATION, ASSIC	GNEE is the said
NOW, THEREFORE, in consiguod and valuable consideration, the resold, assigned, transferred and set over the said ASSIGNEE, its successors, leand under the said invention, and the sathereof, and all Patents of the United thereof;	ceipt of which is h , and by these pre gal representative id United States a	nereby acknowledged sents do hereby sell, a es and assigns, the en oplication and all divi	, we, the said ASSIGNOD assign, transfer and set ou itire right, title and inter- sions, renewals and cont	RS, have ver, unto est in, to
AND I HEREBY authorize and States to issue all patents or other eapplication to the said ASSIGNEE, its terms of this instrument.	vidence or form	s of industrial prope	erty protection on the :	aforesaid
AND WE HEREBY covenant assigned, and that we have not execute	and agree that we'd, and will not ex	ve have full right to kecute, any agreemen	convey the entire interent in conflict herewith.	st herein
AND WE HEREBY further co successors, legal representatives and as legal proceeding, sign all lawful paper make all rightful oaths, and generally of representatives and assigns, to obtain a	signs, any facts k rs, execute all div do everything pos	nown to us respecting visional, continuing, ssible to aid the said	said invention, and testi reissue and foreign appl ASSIGNEE its successor	fy in any
IN TESTIMONY WHEREOF, respective signatures.	We hereunto set	our hands and seals	the day and year set opp	osite our
DateMay 18, 2001	Janeak	i Jahata	Taneaki YAHATA	L.S.
DateMay 18, 2001	yuji .	i Jahata Tsuchina	Yuji TSUCHIYA	L.S.
Date May 18, 2001	marahis	a Foloa	Masahiko TOBA	L.S.
Date	•			L.S.
Date		-	-	L.S.